

Funlab YS11 Firefly Controller



Funlab YS11 Firefly Controller User Guide

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Funlab YS11 Firefly Controller



Product Specifications:

- Category: Bluetooth Game Controller
- Transmission Medium: Bluetooth
- Carrier Frequency: 2.4GHz
- Protocol: Bluetooth BT+EDR
- LED: LEDs and Multiple Colored Lights
- Battery: A Polymer Lithium Battery
- Battery Capacity: V/mAH
- Endurance Time: Hours (Lights Turned Off)
- Charging Time: Hours
- Working Voltage: V – V
- Charging Voltage: V – V
- Working Temperature: -°C to -°C
- Storage Temperature: -°C to -°C

Product Usage Instructions:

• On/Off Operation:

To turn on the controller, switch to wireless mode by pressing and holding the Y + HOME buttons for a few seconds until the LED lights flash quickly. To turn off the controller, let it shut down automatically if there is no pairing or operation for a specific period of time.

• Wake Up Function:

To wake up the controller from sleep mode, press the Home Button. This will allow the controller to reconnect to

the console.

- **Turbo Function:**

The Turbo function allows you to set buttons for rapid continuous activation. Follow the specific button combinations to enable manual or automatic Turbo functions. Adjust Turbo speed levels by pressing the Turbo button and shaking the L/R Joystick up or down.

- **Vibration Adjustment:**

Adjust the motor vibration intensity by pressing the Motor Vibration Button on the back of the controller. There are different intensity levels available.

- **Reset and Reconnection:**

If needed, reset the controller hardware by using the Reset Button located on the back. To reconnect to a previous device, press the HOME Button while in standby mode.

- **Charging Indicators:**

When charging, observe the LED indicators for different states – flashing slowly during charging in the off state, and steady when fully charged. When connected to a switch, corresponding channel lights will blink slowly during charging and remain on when fully charged.

- **Lighting Control:**

Use the Light Button for controlling LED lights. Different modes such as always-on, breathing light, quick flash, and vibration lighting can be activated by pressing the Light Button in various sequences. To turn off the lights, press and hold the Light Button for a few seconds.

FAQ

- **How do I adjust Turbo speed levels?**

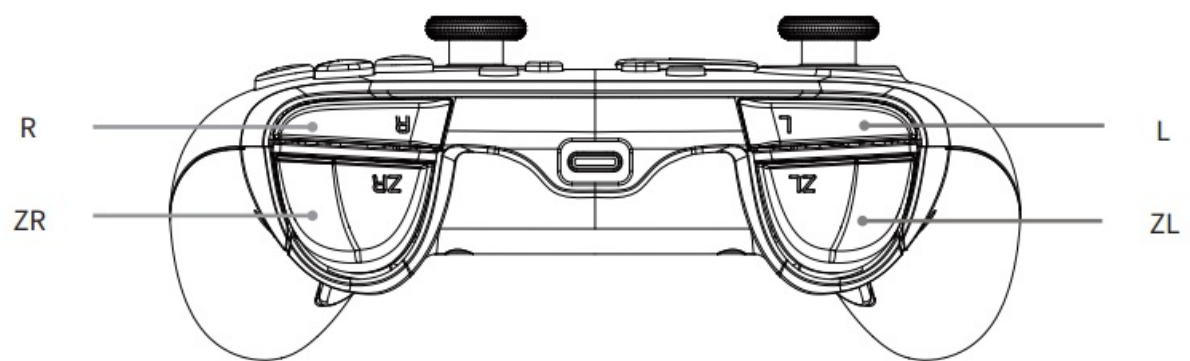
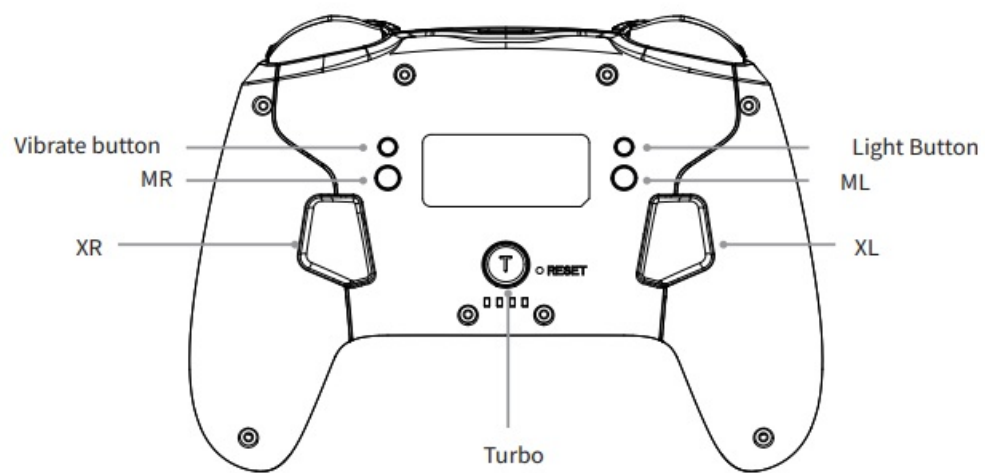
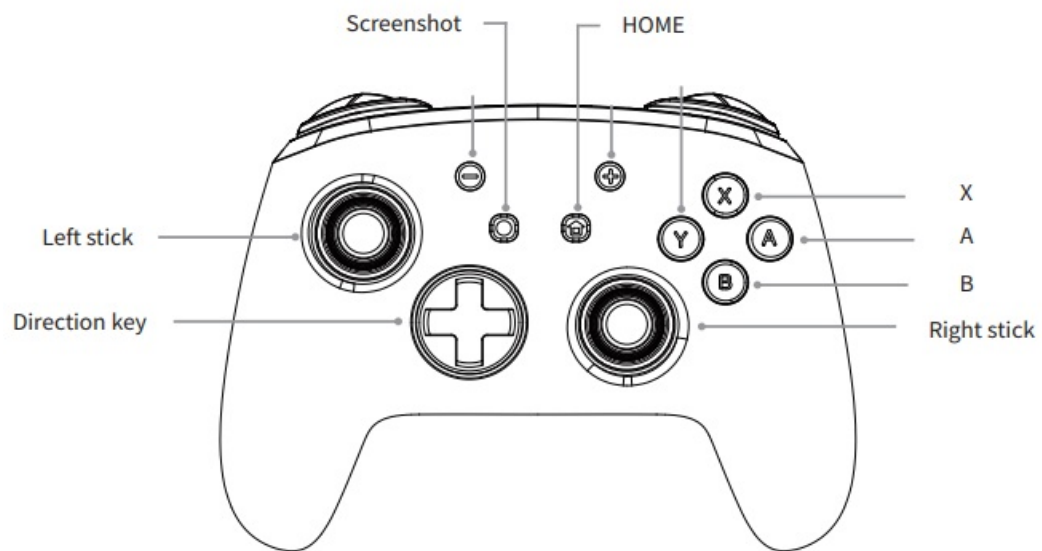
To adjust Turbo speed levels, press the Turbo button and shake the L/R Joystick up to increase speed or down to decrease speed.

- **How do I reset the controller hardware?**

To reset the controller hardware, locate the small hole on the back of the controller which serves as the Reset Button. Press it to reset the hardware.

FIREFLY Controller

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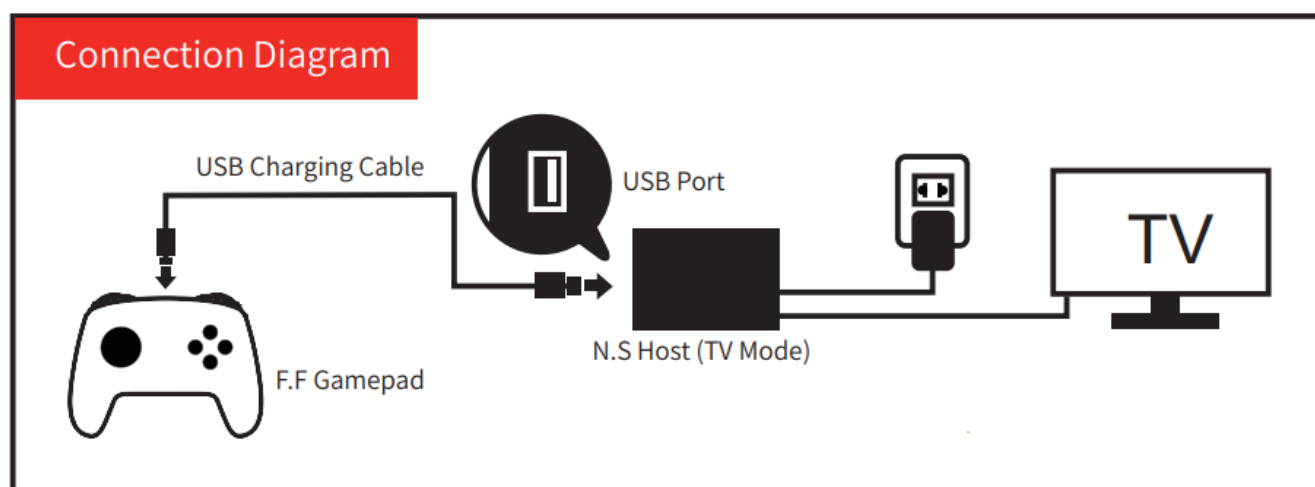
Product Specification

Category	Specification
Transmission Medium	Bluetooth 2.1
Carrier Frequency	2.402-2.480GHz
Protocol	Bluetooth BT2.1+EDR
LED	4 LEDs and Multiple Colored Lights
Battery	A Polymer Lithium Battery 3.7V/950mAH
Time of Endurance	12.5 Hours (Lights Turned Off)
Charging Time	6.3 Hours
Working Voltage	3.7V-4.2V
Charging Voltage	5V
Working Temperature	-10°C~50°C
Storage Temperature	-20°C~70°C

On/Off Operation of The Controller (Under Switch Mode)

1. Wired Connection

2.



Wireless Connection

1. Press and hold Y + HOME for 3 seconds and 4 LED lights flash quickly.
The LED(s) becoming stable, pairing finishes.
 2. If no pairing for over 2.5 mins, shuts down by itself.
 3. If paired and no any operation for over 5 mins, shuts down by itself. (no movement on the sensor).
3. **Wake Up Function:** Press Home Button and then the console in the sleep state can be waken up and connected again.

Operation Method and LED Indication (Connection Instruction)

Pairing Mode

1. Combination Pairing:

In the off state, press and hold the following key combination to enter the Pairing Mode.

- **Android Mode: A + HOME**

LED2 – LED3 flash quickly while pairing, and LED2 – LED3 keep on while pairing successfully;

- **Switch Mode: Y + HOME**

LED1 – LED4 flash quickly while pairing, and the console automatically assigns while pairing successfully;

- **Xinput Mode: B + HOME**

LED1 & LED4 flash quickly while pairing, and LED1 & LED4 keep on while pairing successfully;

- **iOS Mode: B + HOME**

LED1 & LED4 flash quickly while pairing, and LED1 & LED4 keep on while pairing successfully (Support system: iOS 13.6 or above/iPadOS 13.6 or above);

Steam Deck Mode: Press “STEAM” Button on the left side of the console – “Settings” – “Bluetooth” to connect

B + HOME

LED1 & LED4 flash quickly while pairing, and LED1 & LED4 keep on while pairing successfully.

2. PC Pairing:

- While pairing to the wireless PC receiver, press and hold “-” Button and “+” Button to switch between Xinput Mode and Switch Pro Mode;
- While pairing to the wired PC platform, Xinput Mode is automatically identified by default and LED2 & LED3 indicate. Press and hold “-” Button and “+” Button for 3 seconds at the same time to switch to Dinput Mode, LED2 & LED3 indicate;
- If the PC is equipped with the STEAM platform (select Switch Mode on STEAM), LED indicates according to how STEAM platform assigns. If the pairing fails after 2.5 minutes, the controller automatically shuts down.

Turbo and AUTO TURBO Function

1. In Any Mode

Buttons can be set to the TURBO Function: A/B/X/Y/L/R/ZL/ZR/D-pad Button

- (For the 1st time) Press TURBO Button + one of the function buttons to achieve Manual TURBO Function (Press and hold to launch continuously)
- (For the 2nd time) Press the TURBO Button + one of the function buttons to achieve Automatic TURBO Function (Automatically continuous launch)
- (For the 3rd time) Press the TURBO Button + one of the function buttons to clear TURBO Function (Clear)

Note: Press and hold TURBO Button for 5 seconds (if the Vibration Intensity is not 0%, there will be a vibration cue) to clear all TURBO Functions.

2. TURBO Speed Adjustment (3 Levels)

- Adjusting Methods:
- Press TURBO Button + “Shake L/R Joystick Up”, increase speed by 1 level;
- Press TURBO Button + “Shake L/R Joystick Down”, reduce speed by 1 level;

Speed Levels:

- Continuously launch 5 times per second (Level 1);
- Continuously launch 12 times per second (Level 2);
- Continuously launch 20 times per second (Level 3);

Vibration Adjustment Function

Press Motor Vibration Button on the back of the controller and you could adjust Motor Vibration Intensity. Vibration Intensity can be cycled in turn. There are 5 intensities, 100%, 75%, 50%, 25 % and 0%.

• Reset of The Controller Hardware

There is a small hole on the back of the controller and it is the Reset Button. After pressing it, the controller hardware will reset.

• Reconnection of The Controller

When the controller is pairing to the previous device, you only need to press the HOME Button after the controller is stand by and it will pair to the previous device.

• Charging Indicators

Charging in The OFF State: LED4 flashes slowly, and then turns off while being fully

• charged;

Charging While Connected to Switch: The corresponding channel light(s) will blink slowly, and then keep on while being fully charged.

Lighting Control Instruction (Light Button)

1. Press Light Button on the back of the controller: Always-on Mode.

Colors will change each time you press the Light button.

2. **Light Button + “ ”**

- The 1st time: breathing light mode;
- The 2nd time: quick flash mode;
- The 3rd time: vibration lighting mode.
- Press the Light Button to change Led light color under the above modes.
- How to turn back to the Always-on Mode: Turn off the lights first and press the Light Button.

How to turn off the lights: Press and hold Light Button for 5 seconds.

Macro and Mapping Function on Buttons of The Back

1. Macro Function-Macro Buttons

- Press and hold MR Button and don't loosen (4 LED lights turn on, entering programming), inputting the buttons you want to edit (up to 24 steps). The controller will have the vibration cue after loosening MR Button, and then press XR Button to trigger Macro Buttons;
- Press and hold ML Button and don't loosen (4 LED lights turn on, entering programming), inputting the buttons you want to edit (up to 24 steps). The controller will have the vibration cue after loosening ML Button, and then press XL Button to trigger Macro Buttons.
- Buttons that Macro Function could edit are A/B/X/Y/L/R/ZL/ZR/+/-/D-pad Buttons and L/R joysticks (can be used as a combo in the game).

2. **Mapping Function-Programmable Buttons**

- Press and hold MR Button and don't loosen (4 LED lights turn on, entering programming), inputting the single button you want to map. The controller will have the vibration cue after loosening MR Button, and then press XR Button to trigger Programmable Buttons;
- Press and hold ML Button and don't loosen (4 LED lights turn on, entering programming), inputting the single button you want to map. The controller will have the vibration cue after loosening ML Button, and then press XL Button to trigger Programmable Buttons;
- Buttons that Mapping Function could edit are A/B/X/Y/L/R/ZL/ZR/+/-/D-pad Buttons and L/R joysticks.

Note:

- With Memory Function;
- Press MR/ML Buttons that set programming and there is a vibration cue, and then you can clear the Macro and Mapping Function of XR/XL Buttons.

Upgrade

Open the upgrade file on your computer while the controller is in the off state. Press and hold left 3D joystick (press it down) on the controller, and then insert the USB data cable that has been connected to the computer, entering the upgrade mode. Click the "Update Firmware" button on your computer to update the controller.

Support

We promise to provide sustainable services for this controller, you can get more operation guidance support from our service channel and official web:

Website: www.funlabswitch.com Instagram: funlab_official

Service: support@funlabswitch.com

US-Discord:


US-Discord:



UK/EU-Discord:



Documents / Resources

 <p>FIREFLY Controller USER GUIDE</p>	<p>Funlab YS11 Firefly Controller [pdf] User Guide</p> <p>YS11 Firefly Controller, YS11, Firefly Controller, Controller</p>
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References

- [🌐 FUNLAB Official Store - Firefly Switch Controller. Luminous Joypad](#)
- [User Manual](#)

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